

From: Peter Daszak <daszak@ecohealthalliance.org>
To: Jonna Mazet <jkmazet@ucdavis.edu>
Cc: Aleksei Chmura <chmura@ecohealthalliance.org>, Hongying Li <li@ecohealthalliance.org>
Subject: RE: NIAID Paragraph
Sent: Wed, 5 Apr 2017 17:25:34 +0000

OK – this is the correct paragraph. NIAID weren't happy with us just saying we were going to do work in these countries, they wanted details on how many animals etc. We therefore covered ourselves as broadly as possible by saying this. It does say that "The PI and his team", but this was to be as broad as possible, and the expectation is that Zhengli's team will be the key group doing this work. I don't think it's worthwhile to go back to NIAID and say, well, the PI won't be going. It would mean changing literally 3 words in the abstract and then re-circulating it, which would probably just cause even more confusion. It's also not accurate because I will be working in one of these countries under NIAID – China.

I think the best way forward is to email Andrew, and anyone else who gets in touch re. this to let them know the following:

- 1) This is a request to NIAID to grant permission for the co-investigator (Zhengli Shi) on this grant to work on samples, or collect samples from across southeast Asia. In almost all cases, the people collaborating in these countries will be the Zhengli and her field team, working on established collaborations with their colleagues in these other countries.
- 2) The work that Zhengli's group will do with these samples is not duplicating that done by PREDICT – the goal is to test for SARS-like CoVs (not to do the PREDICT protocols), and for positive samples, do characterization of the viruses using the techniques she's developed in her lab. She is also planning to share this technology with some labs in the region (e.g. Supaporn's), so there's value from a capacity building perspective.
- 3) Even though it says that this is a 'pending award', it is not a new award, it's a current 5-year grant, and that the word 'pending' refers to the current year's budget. NIH reserves the right to grant a 5-year award annually..

Cheers,

Peter

Peter Daszak
President

EcoHealth Alliance
460 West 34th Street – 17th Floor
New York, NY 10001

+1.212.380.4473 (direct)
+1.212.380.4465 (fax)
www.ecohealthalliance.org

EcoHealth Alliance leads cutting-edge research into the critical connections between human and wildlife health and delicate ecosystems. With this science we develop solutions that promote conservation and prevent pandemics.

From: [REDACTED] **On Behalf Of** Jonna Mazet
Sent: Wednesday, April 5, 2017 1:04 PM
To: Peter Daszak
Subject: NIAID Paragraph

Please advise on whether the samples are already collected, etc.,

J

The National Institute of Allergy and Infectious Diseases (NIAID), at the National Institutes of Health (NIH), has a pending award to the EcoHealth Alliance, Inc., New York, grant number 5R01AI110964-03. If approved, this award would involve a foreign collaboration in Myanmar.

The aims of this research project are to examine the mechanism through which coronaviruses jump from animal hosts/reservoirs to humans (spillover events). To accomplish this work the U.S. Principal Investigator (PI) and his team will conduct detailed surveillance for coronaviruses at eight sites throughout in Asia (China, Cambodia, Indonesia, Lao PDR, Malaysia, Myanmar, Thailand, and Vietnam). Sampling sites will include urban centers, rural areas, and live animal markets. Samples will be collected from animals from each of these sites, and will be analyzed to determine what coronaviruses are present, and whether the viruses are able to infect humans.

The investigators plan to collect samples from bats (900 samples total across all sites), rodents (900 samples total across all sites), and small carnivores such as palm civets and ferret badgers (500 samples total across all sites). Animals will be captured and lightly anesthetized if necessary. They will be swabbed (mouth/nose, urogenital tract, and rectum), and a small amount of blood will be collected. If available, feces and urine will also be collected. All wild animals will be released unharmed after sampling. Of animals that are collected from live markets, a maximum of two per species may be humanely euthanized for organ tissue sampling. All animal work will be performed by trained individuals in accordance with the American Veterinary Medical Association guidelines, and the project is overseen by veterinarians. This work has also been reviewed and approved by the investigator's Institutional Animal Care and Use Committee.